

proteins were isolated.

Add new claims 50-60, as follows.

50. An isolated nucleic acid molecule comprising a nucleotide sequence encoding an operon protein, which operon protein is the Regulator (REG) protein of the R. corallina ohp operon or a modification thereof.

51. A nucleic acid molecule as claimed in claim 50 wherein the nucleotide sequence encodes the amino acid sequence shown in Fig. 4 from initiator codon 295 to terminator codon 1035.

52. A nucleic acid molecule as claimed in claim 51 wherein the nucleotide sequence is shown in Fig. 4 from initiator codon 295 to terminator codon 1035.

53. A nucleic acid molecule as claimed in claim 50 wherein the nucleotide sequence is at least 90% identical to the one shown in Fig. 4 from initiator codon 295 to terminator codon 1035.

54. A nucleic acid as claimed in claim 50 further comprising an inducible promoter region of the nucleotide sequence encoding the R. corallina ohp operon described in Fig. 3 wherein the Regulator (REG) protein controls transcriptional initiation of said inducible promoter region.

*D4
canc'd*

55. A nucleic acid as claimed in claim 54 wherein the promoter region is the ohp promoter region which lies between genes orfR regulatory gene (terminator codon 1035) and orfT transport (initiator codon 1450) shown in Fig. 4 or is a modified inducible promoter region which is at least 90% identical to said ohp promoter region.

Sub H1

56. A vector comprising the nucleic acid of claim 50.

*Sub
C1
Gene*

57. A vector as claimed in claim 50 comprising one or more of the following: luxAB signal genes; sacB gene; antibiotic resistance; RP4/RK2 mobilizing elements.

58. A method of transforming a host cell comprising use of a vector as claimed in claim 56.

59. A host transformed with the vector of claim 56.

60. A host transformed with the vector of claim 32.

Cancel claims 1-29, 36 and 38-48.

A marked-up version of amended claims 30, 32, 33, 35 and 37 is attached.

REMARKS

In accordance with the present amendments, existing claims 26-29 have been replaced by new claims 50-55. The submission of new claims 50-55 is in keeping with the foregoing